

Converting Colors

$Y_{xy}(48.0059, 0.2975, 0.3014)$

Have a look what the booklet for
Yxy(48.0059, 0.2975, 0.3014)
contains.

Yxy(48.0059, 0.2975, 0.3014)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.0059, 0.2975, 0.3014)

Conversions

Conversions Part 1

Format	Color
Hex	B8B6CC
RGB	184, 182, 204
RGB Percent	72%, 71%, 80%
CMY	0.2786, 0.2862, 0.2001
CMYK	0.10, 0.11, 0.00, 0.20
HSL	245°, 18%, 76%
HSV	245°, 11%, 80%
XYZ	47.3847, 48.0059, 63.8858
YIQ	185.1060, -5.8700, 7.2660

Conversions

Conversions Part 2

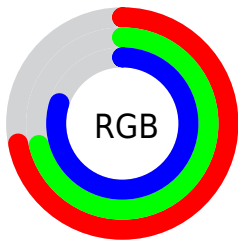
Format	Color
R _Y B	184, 182, 204
Decimal	12105420
CIE Lab	74.83, 4.96, -10.83
CIE LCh	75, 11.915, 294.604
Yxy	48.0059, 0.2975, 0.3014
Android (android.graphics.Color)	4290295500 (0xFFB8B6CC)
YUV	185.1060, 9.3147, -0.9700
Hunter-Lab	69.2863, 0.8247, -6.1682

Details

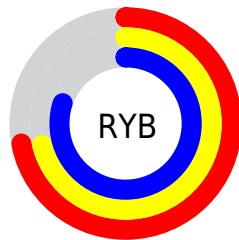
The Yxy color **48.0059, 0.2975, 0.3014** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1206, 0.3271, 0.3554**, and the grayscale version is **48.5250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8943, 0.3038, 0.3121**, and **22.7278, 0.2932, 0.2933** is the 20% darker color. If you saturate the color by 10%, you get **38.1040, 0.2813, 0.2725**, and if you desaturate by 10%, it is **59.4309, 0.3117, 0.3272**.

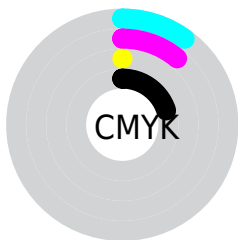
Distribution



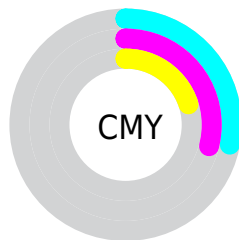
- Red (72%)
- Green (71%)
- Blue (80%)



- Red (72%)
- Yellow (71%)
- Blue (80%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0059, 0.2975, 0.3014 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 48.0059, 0.2975, 0.3014 by changing the saturation by 10% instead.

■ 48.0059, 0.2975,
0.3014

■ 48.0059, 0.2975,
0.3014

378.8155, 0.3051,
0.3150

■ 33.8316, 0.2956,
0.2981

■ 87.2132, 0.3003,
0.3063

■ 22.7642, 0.2932,
0.2939

113.0149, 0.3013,
0.3081

■ 14.4195, 0.2899,
0.2884

143.4613, 0.3022,
0.3097

■ 8.4130, 0.2854,
0.2808

178.9366, 0.3029,
0.3110

■ 4.3603, 0.2788,
0.2698

219.8252, 0.3036,
0.3122

■ 1.8771, 0.2679,
0.2525

266.5117, 0.3042,

■ 0.5346, 0.2464,

0.3132

0.2093

319.3803, 0.3047,
0.3141

0.0000, 0.0000,
0.0000

48.0059, 0.2975,
0.3014

48.0059, 0.2975,
0.3014

38.1040, 0.2813,
0.2725

59.4309, 0.3117,
0.3272

29.6550, 0.2633,
0.2406

72.4332, 0.3240,
0.3498

22.5923, 0.2437,
0.2067

87.0718, 0.3346,
0.3694

16.8418, 0.2233,
0.1720

97.1390, 0.3430,
0.3790

12.3222, 0.2033,
0.1385

■ 8.9433, 0.1849,
0.1088

■ 6.6027, 0.1697,
0.0853

■ 5.1791, 0.1587,
0.0695

■ 4.4874, 0.1526,
0.0614

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48.0059, 0.2857, 0.3032



48.0059, 0.2975, 0.3014



48.0059, 0.3136, 0.3065

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.0059, 0.2975, 0.3014



48.0059, 0.3454, 0.3448



48.0059, 0.2956, 0.3410

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



48.0059, 0.2975, 0.3014



59.1206, 0.3271, 0.3554

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



48.0059, 0.3112, 0.3530



48.0059, 0.2975, 0.3014



48.0059, 0.3402, 0.3548

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



48.0059, 0.2975, 0.3014



48.0059, 0.3416, 0.3311



48.0059, 0.3275, 0.3580



48.0059, 0.2847, 0.3258

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



48.0059, 0.2975, 0.3014



48.0059, 0.3247, 0.3132



48.0059, 0.3275, 0.3580



48.0059, 0.3004, 0.3456

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



48.0079, 0.2975, 0.3014



93.9167, 0.3087, 0.3216



56.6205, 0.2963, 0.3267



19.7628, 0.3075, 0.3196



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.0079, 0.2975, 0.3014



75.3540, 0.2938, 0.2947



49.4028, 0.3064, 0.3021



10.8905, 0.2996, 0.3051



2.8424, 0.1532, 0.0618



0.1633, 0.1633, 0.0673

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



50.5659, 0.3155, 0.3050



80.4561, 0.3161, 0.2996



57.6560, 0.3185, 0.3561



11.3860, 0.3151, 0.3081



10.3187, 0.3442, 0.1670



0.5375, 0.3391, 0.1642

Previews

White Background



This preview shows how the Yxy color 48.0059, 0.2975, 0.3014 looks on a white background.

Color Contrast Check

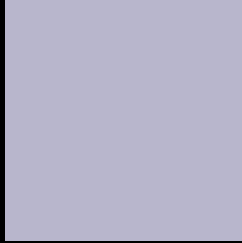
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 48.0059, 0.2975, 0.3014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

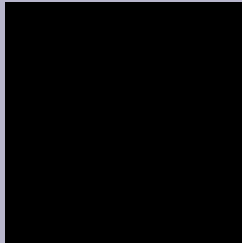
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0059, 0.2975, 0.3014

Background



This preview shows how black text looks on a background with the Yxy color 48.0059, 0.2975, 0.3014.



This preview shows how white text looks on a background with the Yxy color 48.0059, 0.2975, 0.3014.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

48.0059, 0.2975, 0.3014

Protanopia

48.0504, 0.2951, 0.3025

Deuteranopia

47.8544, 0.3033, 0.2970



Tritanopia

48.0115, 0.3012, 0.3100

Trichromacy



Original Color

48.0059, 0.2975, 0.3014

Protanomaly

48.1717, 0.2959, 0.3025

Deuteranomaly

47.8691, 0.3008, 0.2980

Tritanomaly

48.1044, 0.2997, 0.3075

Monochromacy



Original Color

48.0059, 0.2975, 0.3014

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4010, 0.3074, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0059, 0.2975, 0.3014 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 182, 204)` looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 204)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 182, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 204) }
```

Border

The CSS property to change the border of an element to Yxy 48.0059, 0.2975, 0.3014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 182, 204) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 182, 204) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 182, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 204);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0059, 0.2975, 0.3014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 204) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
182, 204) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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